1. **INTEGRATION OF POLYNOMIALS**

RULE: \*add 1 to the power, divide by the new power

Examples: Integrate the functions below

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1. **FINDING CONSTANTS OF INTEGRATION**

To find the value of the constant of integration, we need to have some extra

information. This is usually a pair of coordinates.

Example: If , find given that .

[*meaning (1, 8) is a coordinate of f(x)*]

So

Since

Therefore

DELTA EX 16.1 pg 160, EXTENSION EX 16.2 pg 160